

HUMAN SAFETY AND LOCATION AWARENESS

**¹Mrs. NVN.SOWJANYA, ²K. KRISHNA CHARIT VYAS, ³K. BINDHU PRIYA,
⁴M. JYOSNA**

¹(Assistant Professor) , CSE. Teegala Krishna Reddy Engineering College Hyderabad.

^{2,3,4}B,tech , scholar , CSE. Teegala Krishna Reddy Engineering College Hyderabad.

ABSTRACT

This project is about the Human Safety (using Android application). If the user is in any danger, we will send SMS to nearby important locations and two or more of their Mobile contacts. Before that, we need to store all the details required in Application. A novel method called Location-Based Delivery (LBD), which combines SMS and GPS, is proposed, and further, a realistic system to perform precise location tracking is developed. LBD mainly applies the following two proposed techniques: Location prediction and Dynamic Threshold.

1. INTRODUCTION

One such app is HUMAN SAFETY. The app has a very basic user interface and is easy to use . In case of an emergency, a link of your current location on Google Maps is sent to your emergency contacts so that they can locate you accurately . The Emergency Contacts and the human safety Message are stored locally on your device, therefore no one other than you have access to it . You can edit the human safety Message and add other useful information about yourself . human safety Widget for sending human safety Alert in just one tap is also available The Human Safety app is an advanced emergency application that can save you and/or your beloved ones when encountering two kinds of emergency situations: a life-threatening emergency situation and a personal emergency situation, where you are in urgent need of an urgent service or an urgent professional . The app is available on Google Play Store and is called Human Safety. The app provides a basic user interface and is easy to use. It has a dark theme and is ad-free . In case of an

emergency, the app sends a link of your current location on Google Maps to your emergency contacts so that they can locate you accurately . The emergency contacts and the SOS message are stored locally on your device, so no one other than you has access to it . You can edit the SOS message and add other useful information about yourself . The app also has an SOS widget for sending an SOS alert in just one tap

2. LITERATURE REVIEW

A Mobile Application for Women's Safety: WoSApp Author: Dhruv Chand, Sunil Nayak, Karthik Bhat, Shivani Parikh, Yuvraj Singh, Amita Ajith Kamath Year: 2015 This paper introduces a mobile application known as WoSApp (Women's Safety App) that gives ladies with a reliable thanks to place associate emergency decision to the police. The user will quickly and discreetly trigger the vocation perform by shaking her phone or by expressly interacting with the application's program via a straightforward press of a push button on the screen. A message containing the geographical location of the user, additionally as contact

details of a pre-selected list of emergency contacts, is instantly sent to the police. This paper describes the applying, its development, and its technical implementation. Paper 2 Topic: M-WPS: Mobile-based ladies Protection System Author: Valli devi Krishnamurthy, Saranya. S,Sharanya Srikanth, Simran Modi. Year: 2015 A hands-free and internet free automaton application to assist ladies throughout threatening things has been developed. the assistance request containing the user's (woman in danger) GPS coordinates are then forwarded to a network of emergency contacts and police management rooms via SMS. in contrast to most mobile applications offered within the market, a voice-triggered alarm permits the user to need facilitate quickly.

As future work, the applying may be enforced on different mobile platforms like iOS and Windows for a wider reach. tho' the applying is primarily meant for ladies, it's not restricted completely for them and may be utilized by males, females, and children alike. Paper 3 Topic: Abhaya: associate automaton app for the security of girls Author: Ravi Sekhar yarrabothu, bramarambika Thota department of ECE vig- nan's university Year: 2015 This paper presents Abhaya, associate automaton Application for the security of girls, and this app may be activated by one click whenever the requirement arises. one click on this app identifies the place's location through GPS. It sends a message comprising this location uniform resource locator to the registered contacts and calls on the primary registered contact to assist in dangerous things. . Paper 4 Topic: Survey on women's safety mobile

app development Author: Pavitra, Karthikeyan physics, and communications engineering PSNA school of engineering and technology Dindigul. Year: 2015 The transportable application assumes a vital half everywhere the globe. to create up a conveyable application given the EPC stage. it's utilized to send a gift space through SMS. it's effectively adjustable. The client's requirement adds specific functionalities. It offers a assured and safe condition framework once contrasted and alternate advancements. the popular position is, it inclines that it will consequently send SMS notices and demonstrate the current space of the individual on the Google delineate. it'll diminish wrongdoings against ladies.

3. SYSTEM DESIGN

3.1 System Architecture

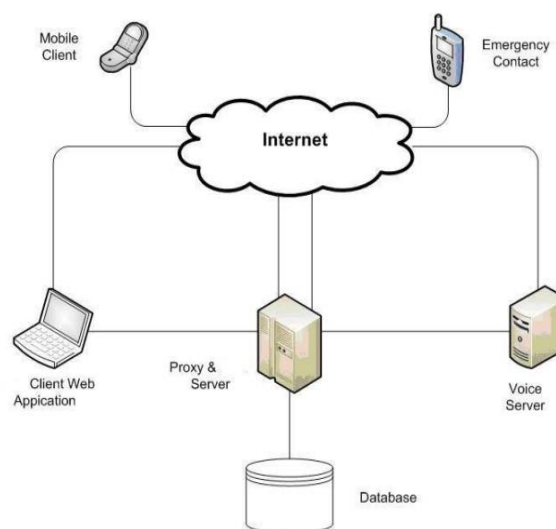


Fig-1: Architecture Diagram

ACTIVITY DIAGRAM

the activity diagram helps in envisioning the workflow from one activity to another. It put emphasis on the condition of flow and the order in which it occurs. The flow can be sequential, branched, or concurrent, and to

deal with such kinds of flows, the activity diagram has come up with a fork, join, etc. It is also termed as an object-oriented flowchart. It encompasses activities composed of a set of actions or operations that are applied to model the behavioral diagram.

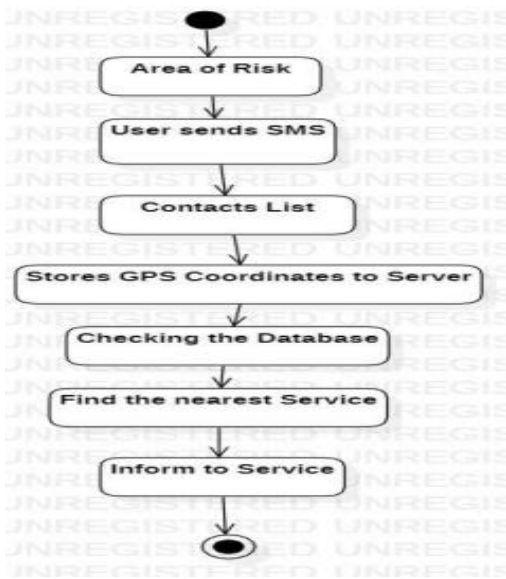


Fig- 2 :Activity Diagram

4.OUTPUT SCREENS

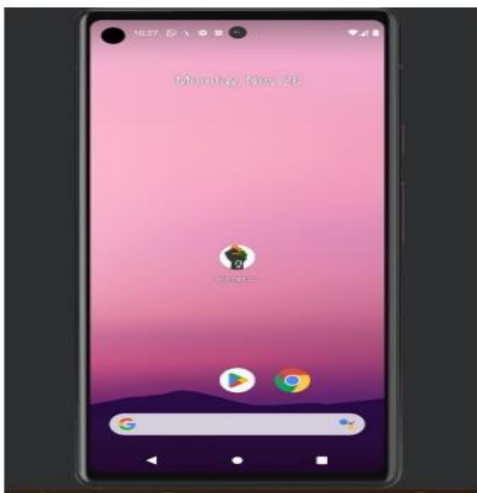


Fig- 3; app logo

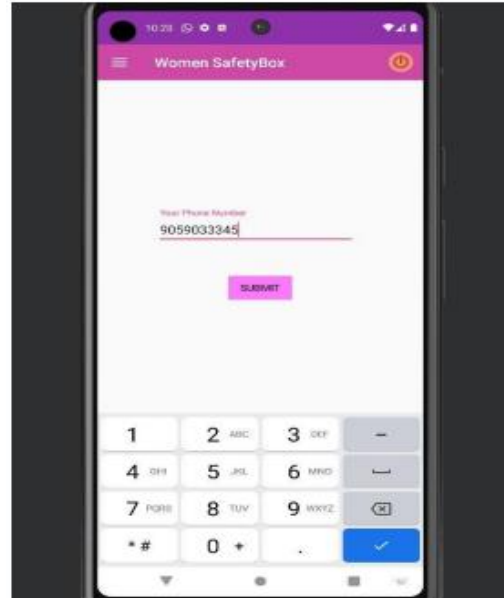


Fig- 4; Registration



Fig -5; Emergency Registration page

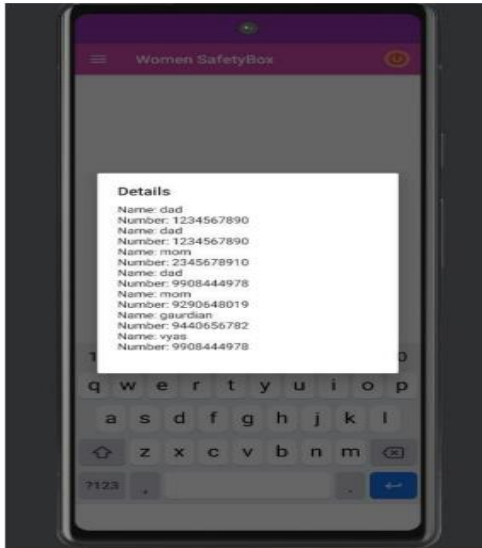


Fig -6;emergency contact

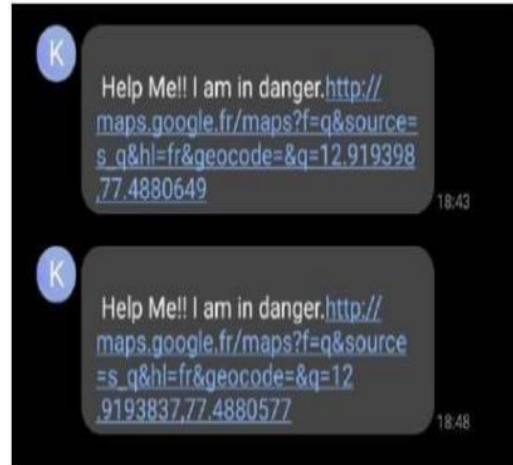


Fig-9; Alert Message

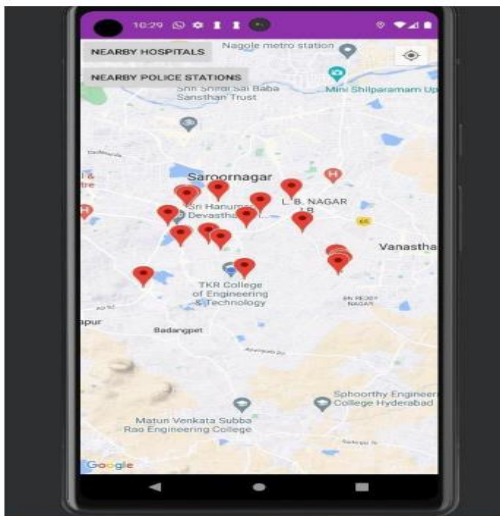


Fig -7;near by hospital

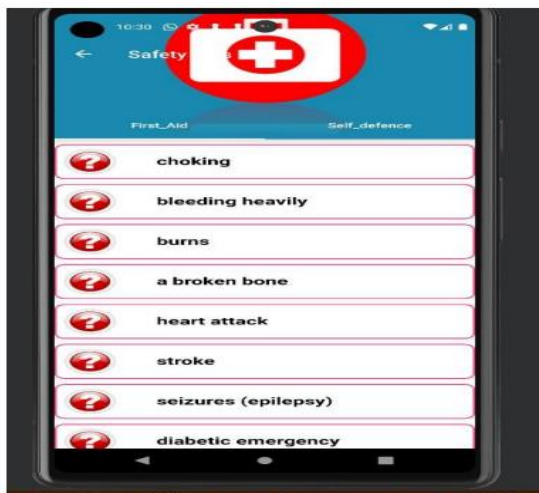


Fig 8; Frist Aid

5.CONCLUSION

The rapid urbanization taking place the world over has opened up a whole new chapter of research, drawing linkages between political economy, social relations, safety and communities. Alongside this wave of modernization that is sweeping the cities, there is an undercurrent of a deepening sense of isolation and increasing vulnerability of sections of society that have traditionally been at a disadvantage because of their gender, class, migrant status, age or sexual orientation. This vulnerability is manifest, most importantly, in the manner in which these groups are denied or are unable to access what the city has to offer, thereby affecting their quality of life in ways that compel them to negotiate their movements across the city even as they face pressures of all kinds. Among the many axes of discrimination and exclusion, gender occupies a central position.

6.FUTURE ENHANCEMENT

As a response, erasure coding as an alternative to backup has emerged as a method of protecting against drive failure. RAID just does not cut it in the age of



high capacity HDDs. The larger a disk's capacity, the greater the chance of bit error. And when a disk fails, the Raid rebuild process begins, during which there is no protection against a second (or third) mechanism failure. So not only has the risk of failure during normal operation grown with capacity, it is much higher during Raid rebuild, too. Also, rebuild times were once measured in minutes or hours, but disk transfer rates have not kept pace with the rate of disk capacity expansion, so large Raid rebuilds can now take days or even longer

7. REFERENCES

[1]. Android Developers, Location APIs.

URL:

<http://developer.android.com/google/play-services/location.html>

[2]. "WOMEN'S SECURITY", Android App developed by App Soft India, December 17, 2013. <https://play.google.com/store/apps/details?id=com.Zayaninfotech.security&hl=en>

[3]. "POLICE NEARBY", Android app developed by Big Systems in 2013. <https://play.google.com/store/apps/details?id=com.smoketech.PoliceNearby&hl=en>

[4]. "SCREAM ALARM", Android app developed by GoPalAppMaker in November, 2013 <https://play.google.com/store/apps/details?id=gopal.appmaker.android.com&hl=en>

[5]. Saranya, J.; Selvakumar, J., "Implementation of children tracking system on android mobile terminals," 2013 IEEE International Conference on Communications and Signal Processing (ICCSP), vol., no., pp.961,965, 3-5 April 2013.

[6]. Android Studio Development Essentials Book by Neil Smith

[7]. An Introduction to Database Systems Book by Christopher J. Date firebase.google.com developer.android.com for SDK

[8]. B. Chougula, "Smart girls security system," International Journal of Application or Innovation in Engineering & Management, Volume 3, Issue 4, April 2014.